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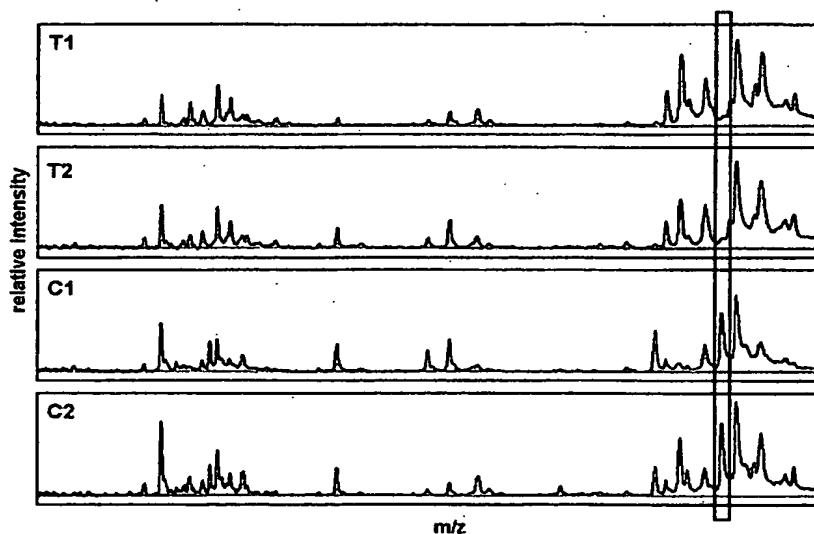
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(54) Title: BIOMARKERS FOR THE DIFFERENTIAL DIAGNOSIS OF PANCREATITIS AND PANCREATIC CANCER



(57) Abstract: The present invention provides biomolecules and the use of these biomolecules for the differential diagnosis of pancreatitis and/or pancreatic cancer. In particular the present invention provides methods for detecting biomolecules within a test sample as well as a database comprising of mass profiles of biomolecules specific for healthy subjects, subjects having a precancerous lesion of the pancreas, subjects having a pancreatic cancer or a metastasised pancreatic cancer or subjects having pancreatitis. Furthermore, the present invention provides methods for the characterization of said biomolecules using gas phase ion spectrometry. In addition, the present invention provides methods for the identification of said biomolecules provided that they are proteins or polypeptides. The invention further provides kits for the differential diagnosis of pancreatitis or pancreatic cancer.

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EPO-Internal, WPI Data, PAJ, BIOSIS, EMBASE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02/23200 A (YIP CHRISTINE ; DOEDE TINA (US); KITAGAWA NORTON (US); PHAM THANG T (U) 21 March 2002 (2002-03-21) page 4, line 7 - line 21	1-19
X	SRINIVAS POTHUR R ET AL: "Proteomics in early detection of cancer" CLINICAL CHEMISTRY, vol. 47, no. 10, October 2001 (2001-10), pages 1901-1911, XP002290258 ISSN: 0009-9147 page 1903, column 2 - page 1906, column 1, line 2	1-19
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>ISSAQ H J ET AL: "The SELDI-TOF MS approach to proteomics: Protein profiling and biomarker identification". BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS 2002 UNITED STATES, vol. 292, no. 3, 2002, pages 587-592, XP002290259 ISSN: 0006-291X page 592, paragraph CONCLUSION</p> <p>-----</p>	1-19
Y	<p>JUNGBLUT P R ET AL: "PROTEOMICS IN HUMAN DISEASE: CANCER, HEART AND INFECTIOUS DISEASES" ELECTROPHORESIS, WEINHEIM, DE, vol. 20, no. 10, July 1999 (1999-07), pages 2100-2110, XP000870393 ISSN: 0173-0835 page 2101, column 1, paragraph 2</p> <p>-----</p>	1-19
Y	<p>WULFKUHLE J D ET AL: "Proteomic approaches to the diagnosis, treatment, and monitoring of cancer" 2003, ADVANCES IN EXPERIMENTAL MEDICINE AND BIOLOGY 2003 UNITED STATES, VOL. 532, PAGE(S) 59-68, XP002290260 ISSN: 0065-2598 abstract</p> <p>-----</p>	1-19

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